

FIG. 1A  
(PRIOR ART)

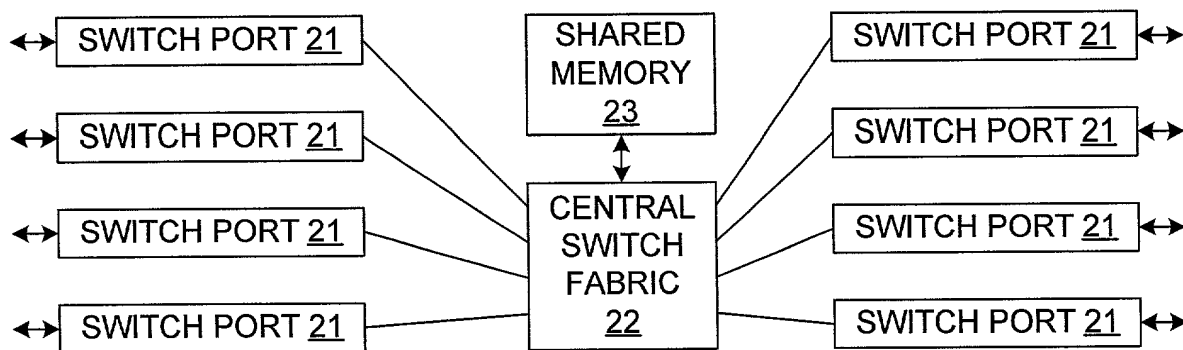


FIG. 1B  
(PRIOR ART)

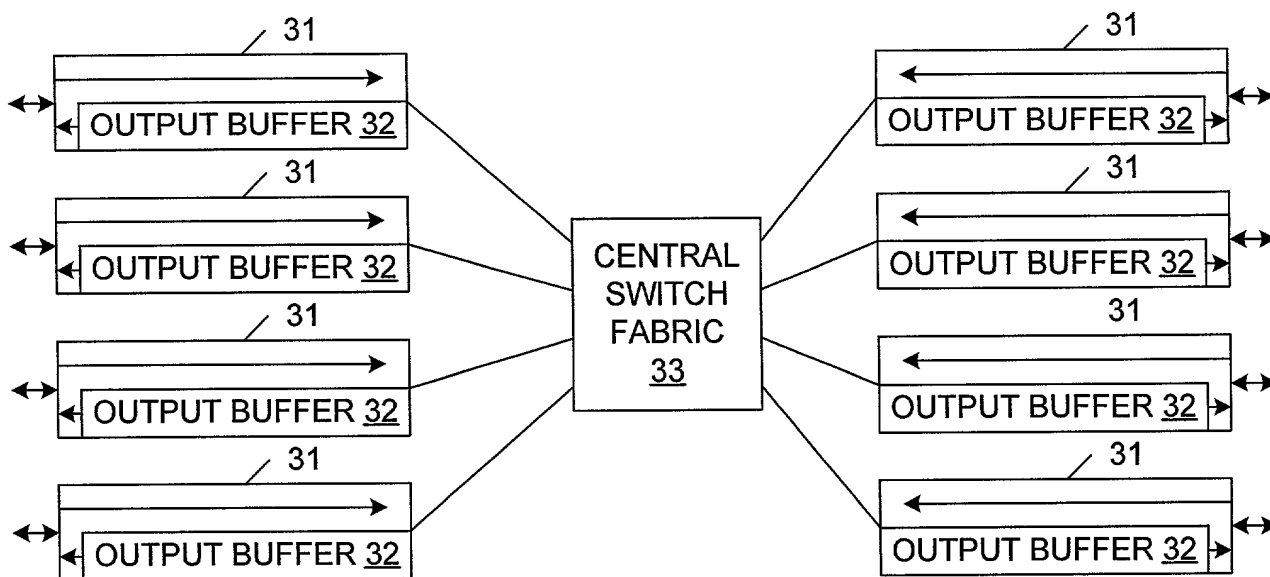


FIG. 1C  
(PRIOR ART)

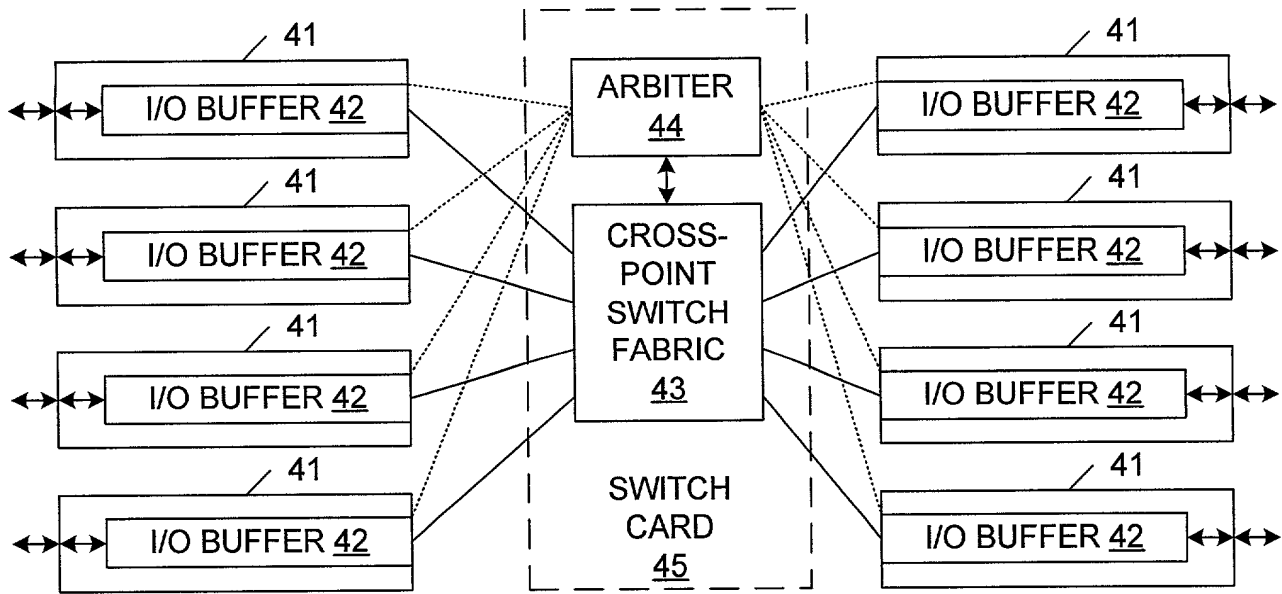


FIG. 1D  
(PRIOR ART)

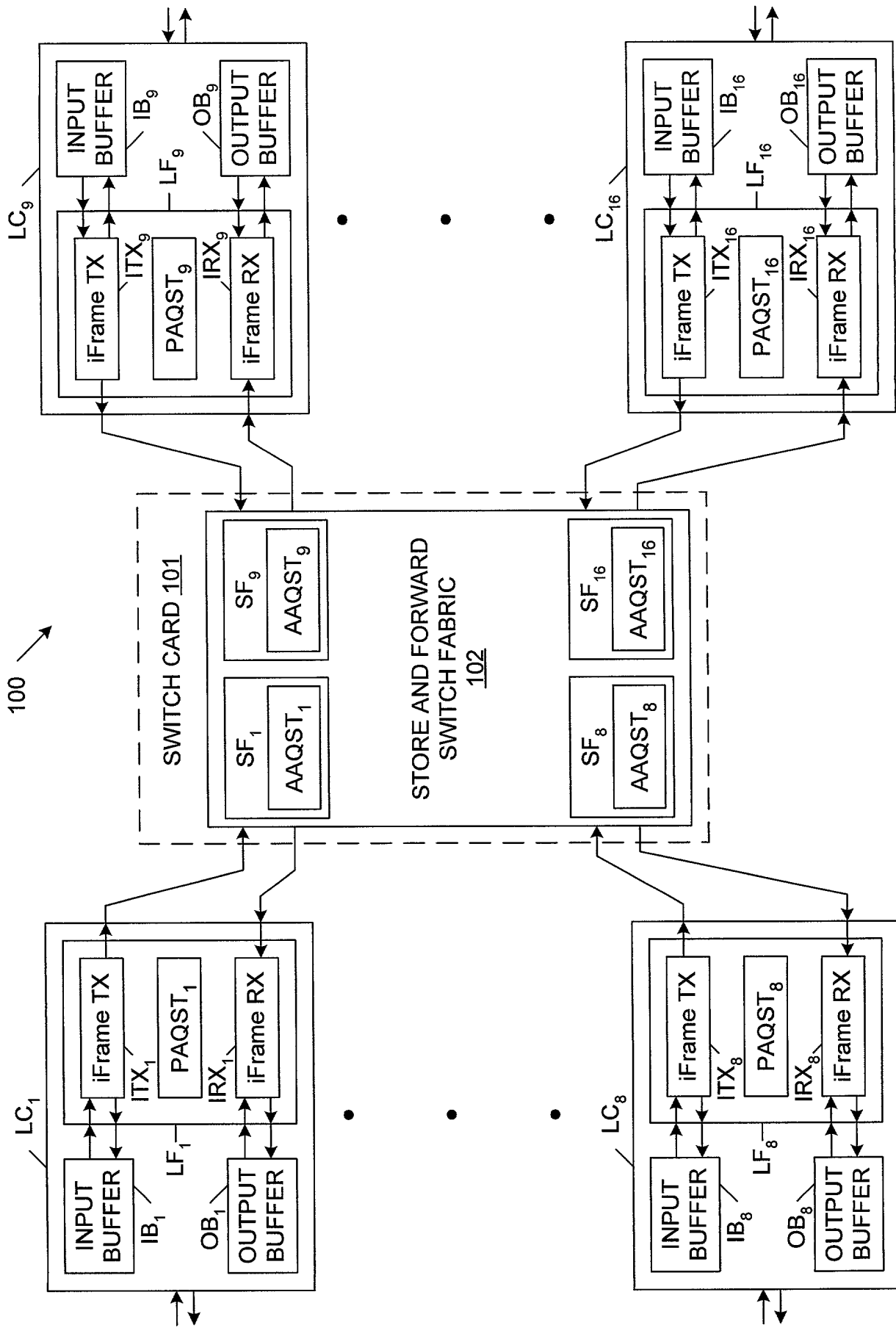


FIG. 2

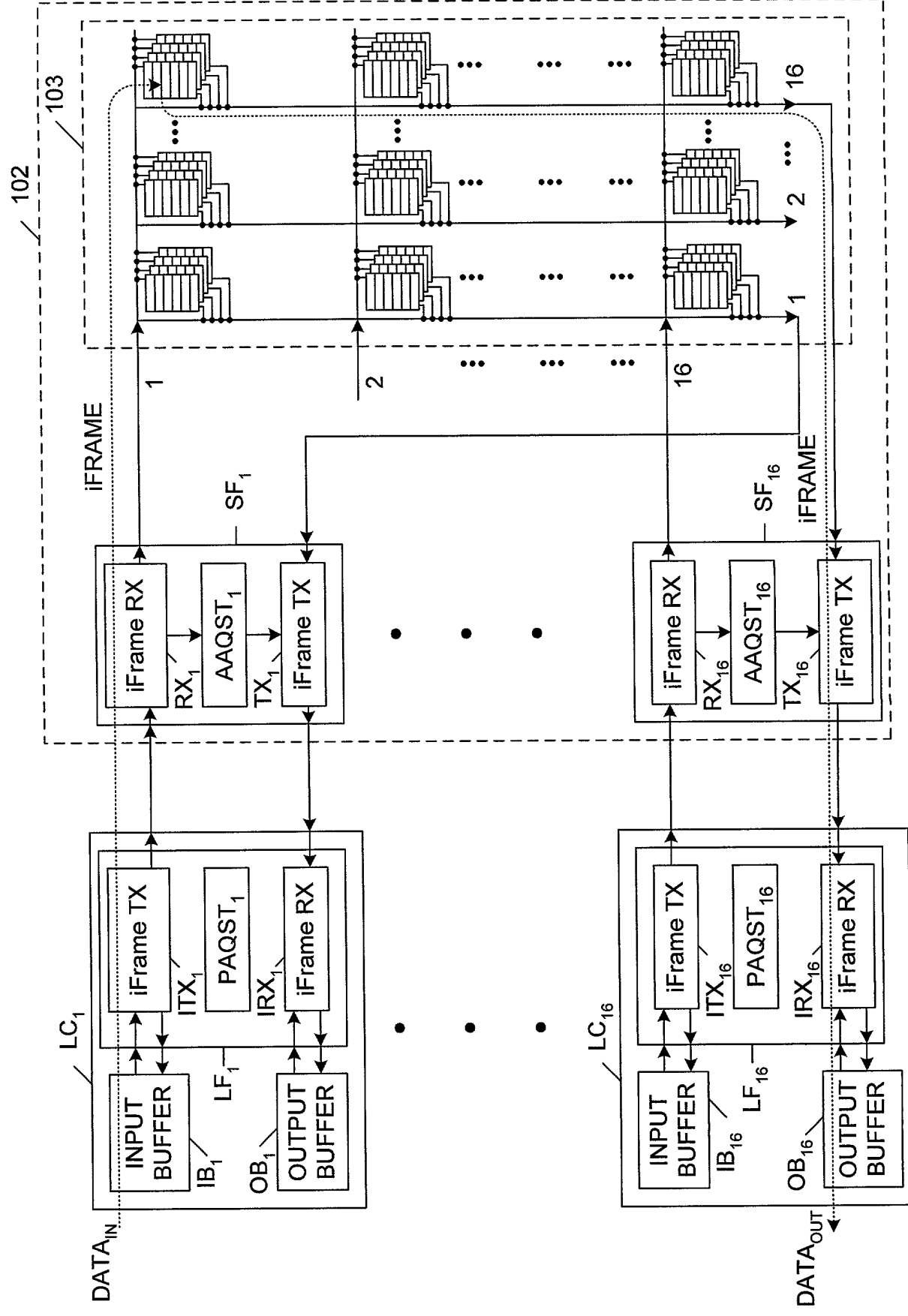


FIG. 3

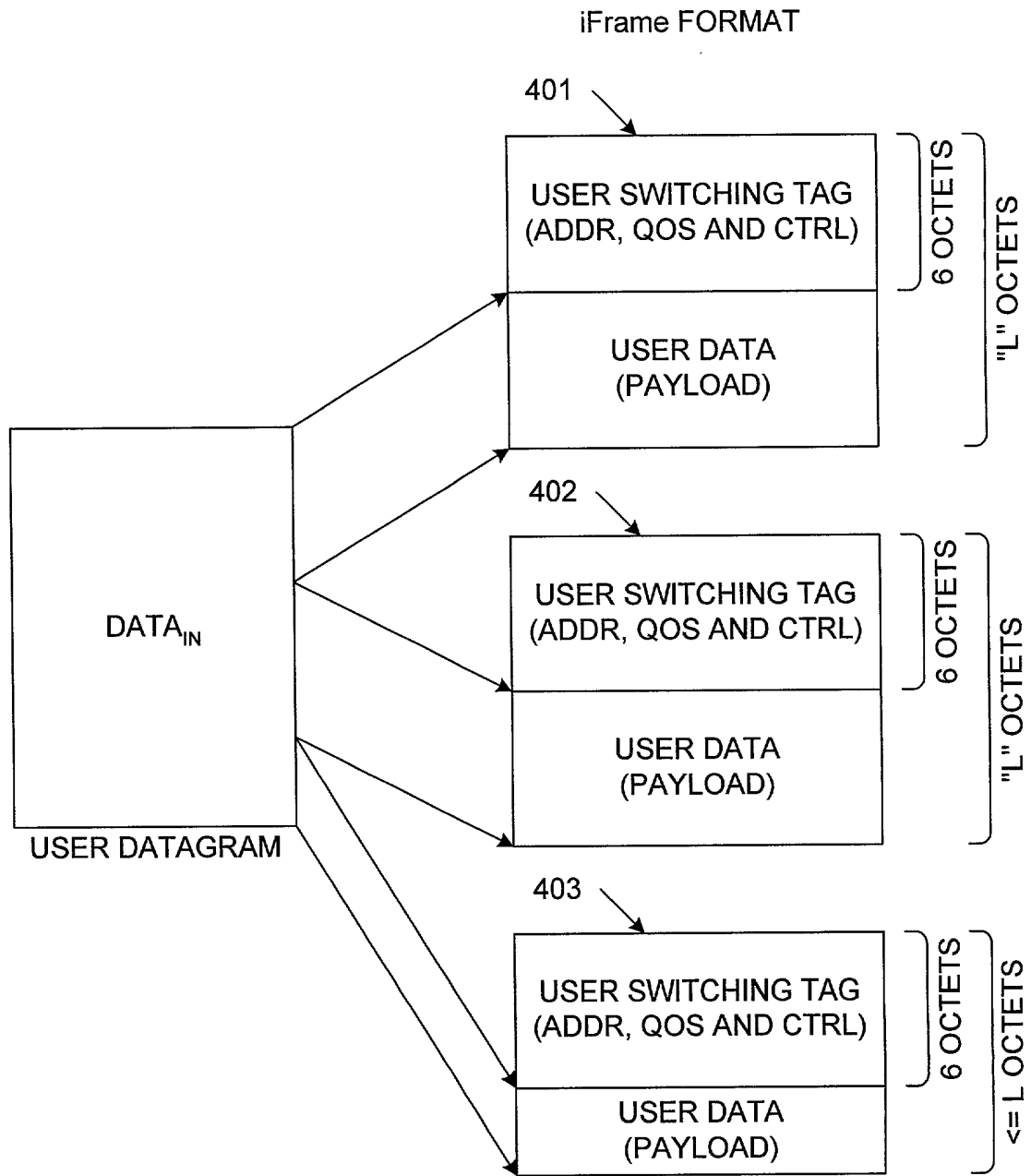


FIG. 4

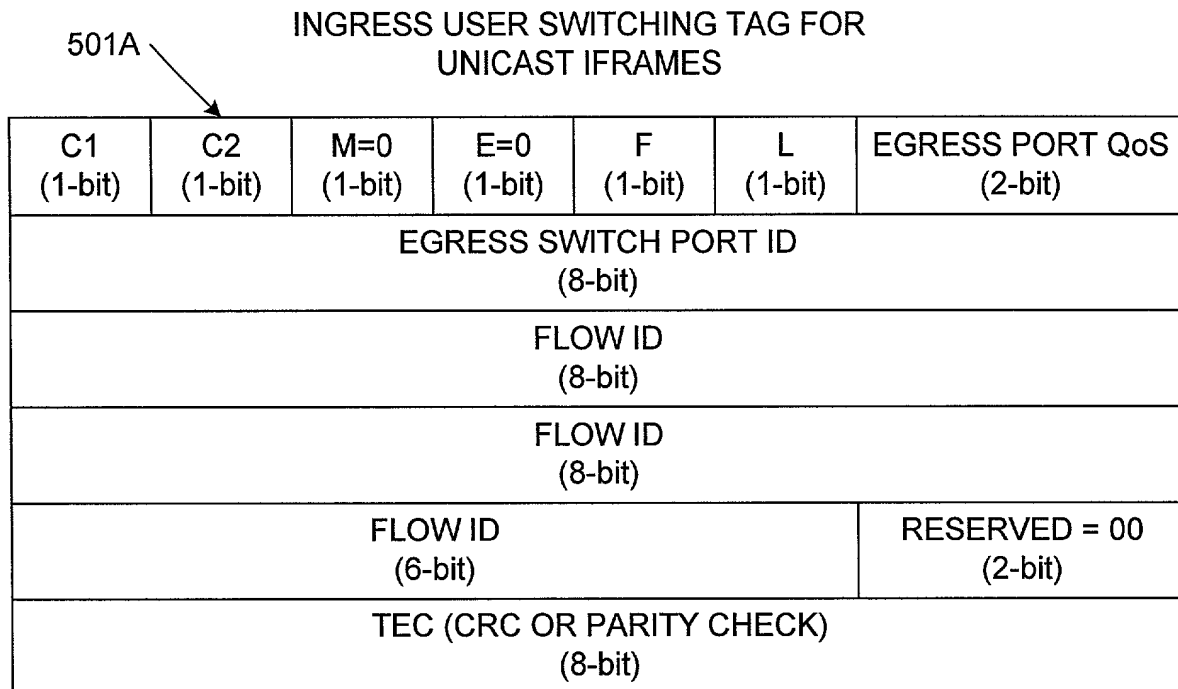


FIG. 5A

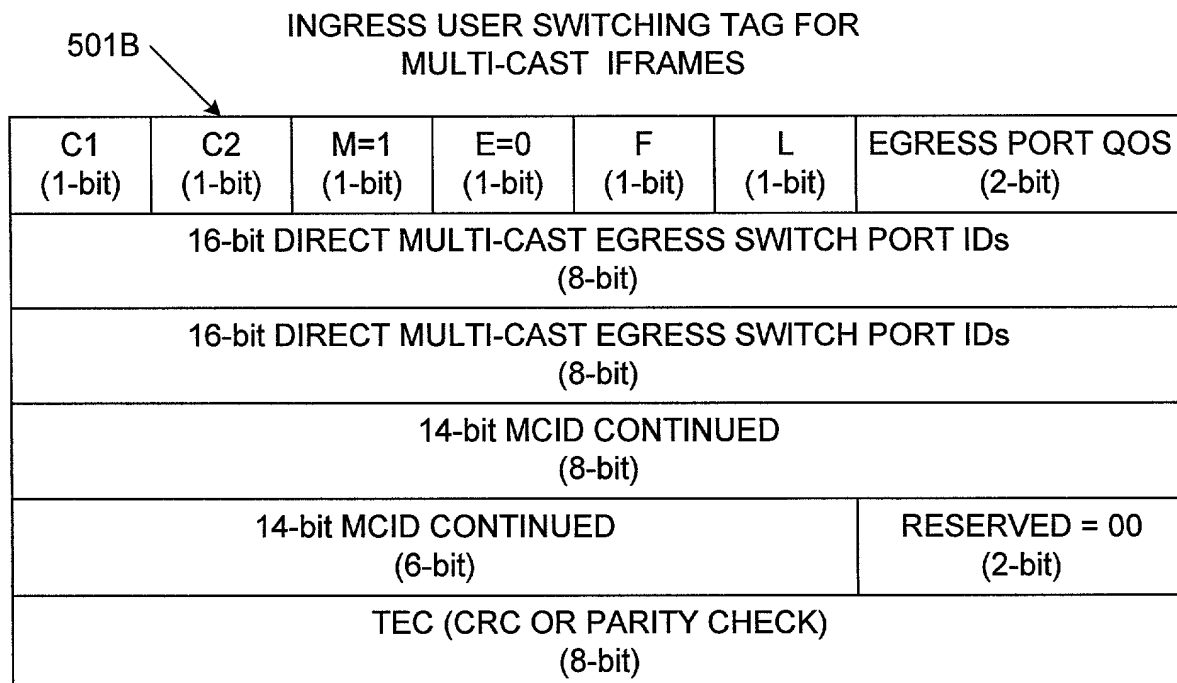


FIG. 5B

# EGRESS USER SWITCHING TAG FOR UNICAST IFRAMES

601A

C1 (1-bit)	C2 (1-bit)	M=0 (1-bit)	E=0 (1-bit)	F (1-bit)	L (1-bit)	PQS UPDATE QOS (2-bit)
PQS UPDATE ID (8-bit)						
22-bit FLOW ID (8-bit)						
22-bit FLOW ID (8-bit)						
22-bit FLOW ID (6-bit)						RESERVED = 00 (2-bit)
TEC (CRC OR PARITY CHECK) (8-bit)						

FIG. 6A

# EGRESS USER SWITCHING TAG FOR MULTI-CAST IFRAMES

601B

C1 (1-bit)	C2 (1-bit)	M=1 (1-bit)	E=0 (1-bit)	F (1-bit)	L (1-bit)	PQS UPDATE QOS (2-bit)
PQS UPDATE ID (8-bit)						
RESERVED = 0000 0000 (8-bits)						
14-bit MCID CONTINUED (8-bit)						
14-bit MCID CONTINUED (6-bit)						RESERVED = 00 (2-bit)
TEC (CRC OR PARITY CHECK) (8-bit)						

FIG. 6B

701A

# INGRESS AAQSTj REQUEST CONTROL iFrame

C1=1 (1-bit)	C2=1 (1-bit)	M=0 (1-bit)	E=0 (1-bit)	TYPE = 00 (2-bit)	RESERVED=00 (2-bit)
TEC (CRC OR PARITY CHECK) (8-bit)					

FIG. 7A

701B

# INGRESS PURGE CONTROL iFrame

C1=1 (1-bit)	C2=1 (1-bit)	M=0 (1-bit)	E=0 (1-bit)	TYPE = 01 (2-bit)	PQS QOS (2-bit)
PQSa ID (8-bits)					
⋮					
PQSn ID (8-bits)					
TEC (CRC OR PARITY CHECK) (8-bit)					

FIG. 7B



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801A

AAQST<sub>J</sub> TABLE UPDATE

C1=1 (1-bit)	C2=1 (1-bit)	M=0 (1-bit)	E=0 (1-bit)	F=0 (1-bit)	L=0 (1-bit)	TYPE=00 (2-bit)
4-bit AQS <sub>J,1,1</sub> UPDATE INCREMENT				4-bit AQS <sub>J,1,2</sub> UPDATE INCREMENT		
4-bit AQS <sub>J,1,3</sub> UPDATE INCREMENT				4-bit AQS <sub>J,1,4</sub> UPDATE INCREMENT		
4-bit AQS <sub>J,2,1</sub> UPDATE INCREMENT				4-bit AQS <sub>J,2,2</sub> UPDATE INCREMENT		
4-bit AQS <sub>J,2,3</sub> UPDATE INCREMENT				4-bit AQS <sub>J,2,4</sub> UPDATE INCREMENT		
4-bit AQS <sub>J,15,1</sub> UPDATE INCREMENT				4-bit AQS <sub>J,15,2</sub> UPDATE INCREMENT		
4-bit AQS <sub>J,15,3</sub> UPDATE INCREMENT				4-bit AQS <sub>J,15,4</sub> UPDATE INCREMENT		
4-bit AQS <sub>J,16,1</sub> UPDATE INCREMENT				4-bit AQS <sub>J,16,2</sub> UPDATE INCREMENT		
4-bit AQS <sub>J,16,3</sub> UPDATE INCREMENT				4-bit AQS <sub>J,16,4</sub> UPDATE INCREMENT		
TEC (CRC OR PARITY CHECK) (8-bit)						

FIG. 8A

EGRESS PQS UPDATE CONTROL  
iFrame

801B

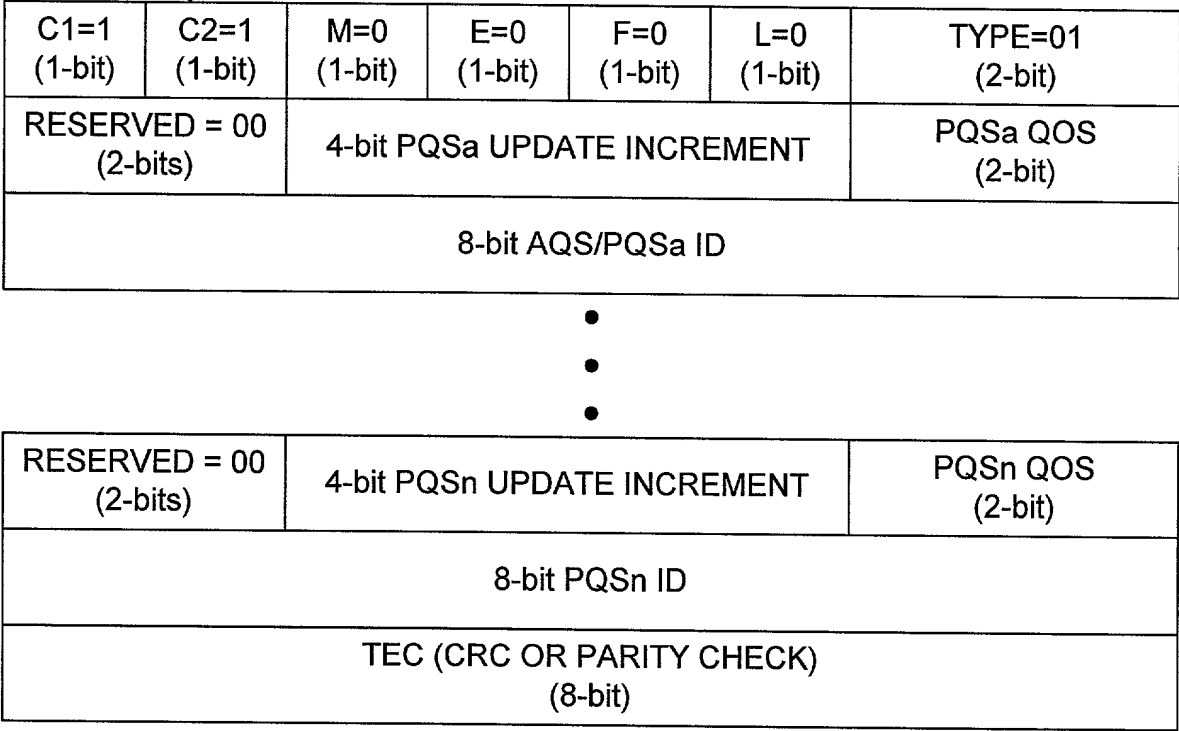


FIG. 8B

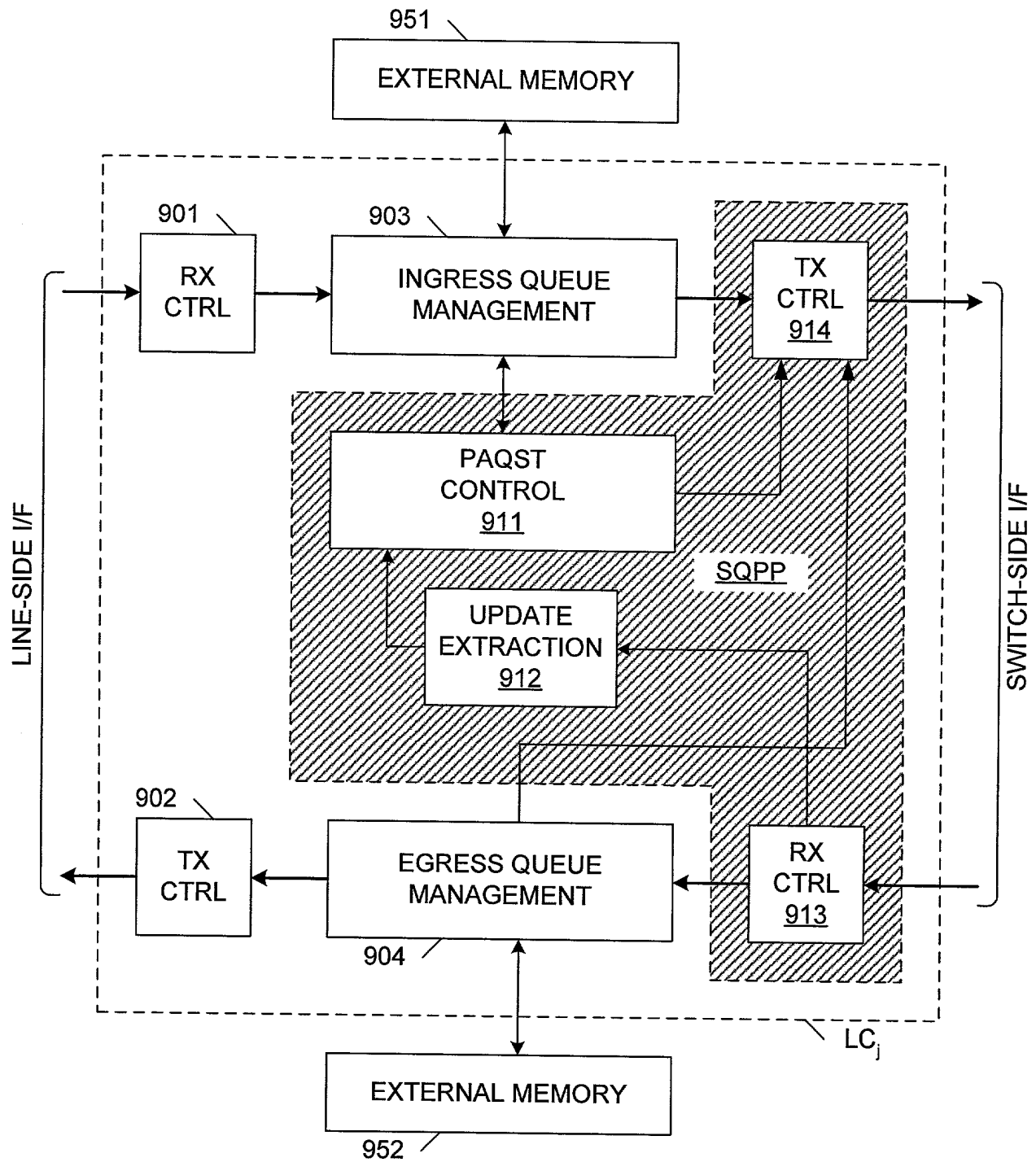


FIG. 9

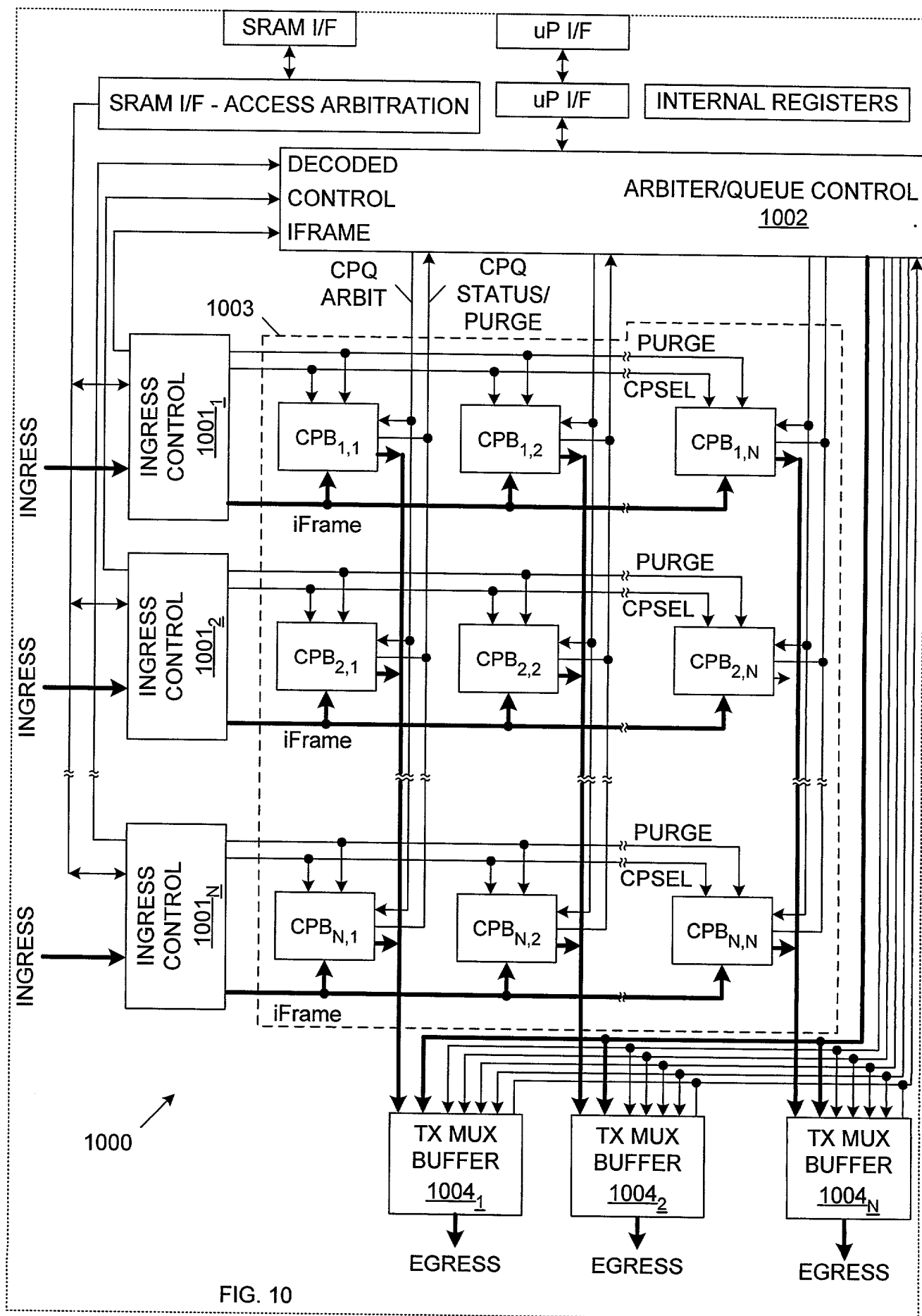


FIG. 10